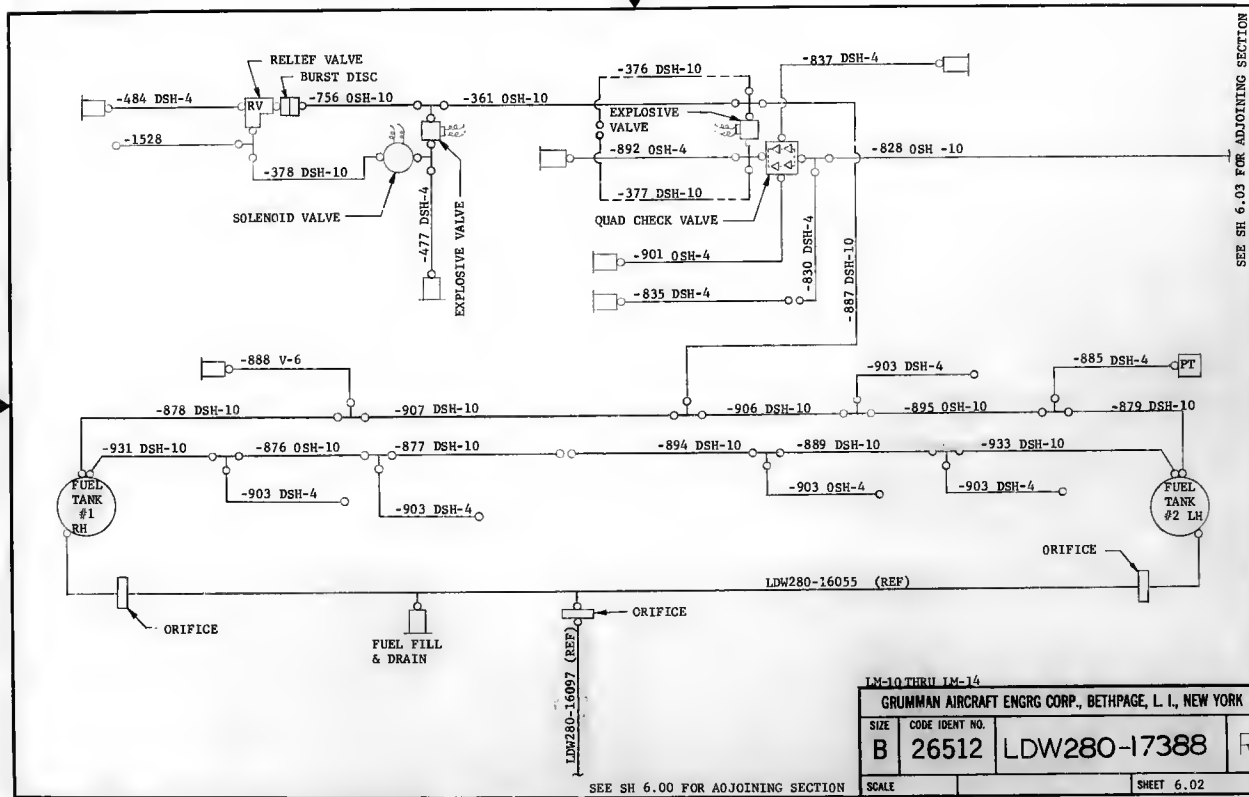


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NAS 9-1100





LM-10 THRU LM-14			
GRUMMAN AIRCRAFT ENGRG CORP., BETHPAGE, L. I., NEW YORK			
SIZE	CODE IDENT NO.		
B	26512	LDW280-17388	R
SCALE		SHEET 6.02	

SEE SH 6.00 FOR ADJOINING SECTION

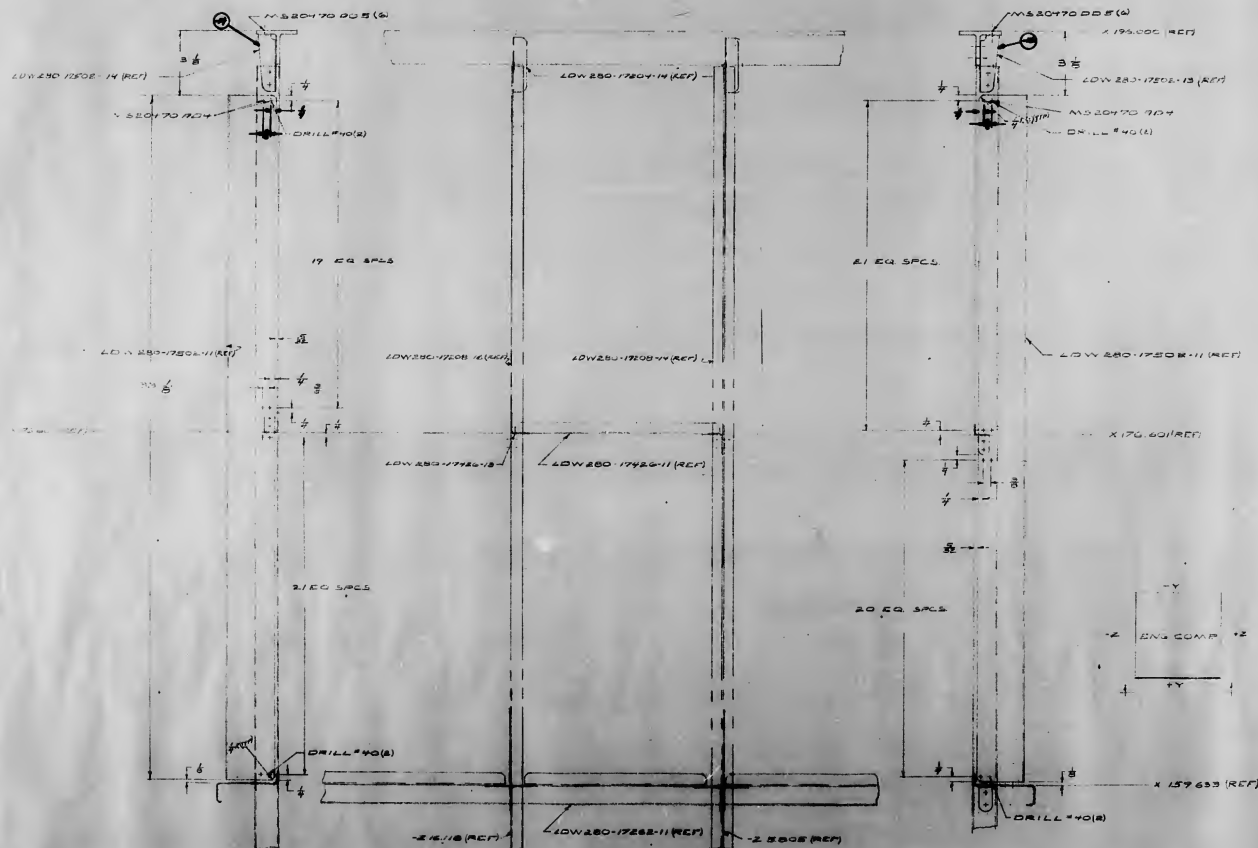
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NAS 9-1100









NO.	PERSONNEL	DATE	DATE	REASON FOR LEAVE		
1	ADMINISTRATIVE	C.D.C.				
2	FIELD OPERATIONS	C.D.C.				
3	FIELD OPERATIONS	C.D.C.				
4	FIELD OPERATIONS	C.D.C.				
5	ADMINISTRATIVE	C.D.C.				
6	ADMINISTRATIVE	C.D.C.				
7	ADMINISTRATIVE	C.D.C.				
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99	ADMINISTRATIVE	C.D.C.				
100	ADMINISTRATIVE	C.D.C.				

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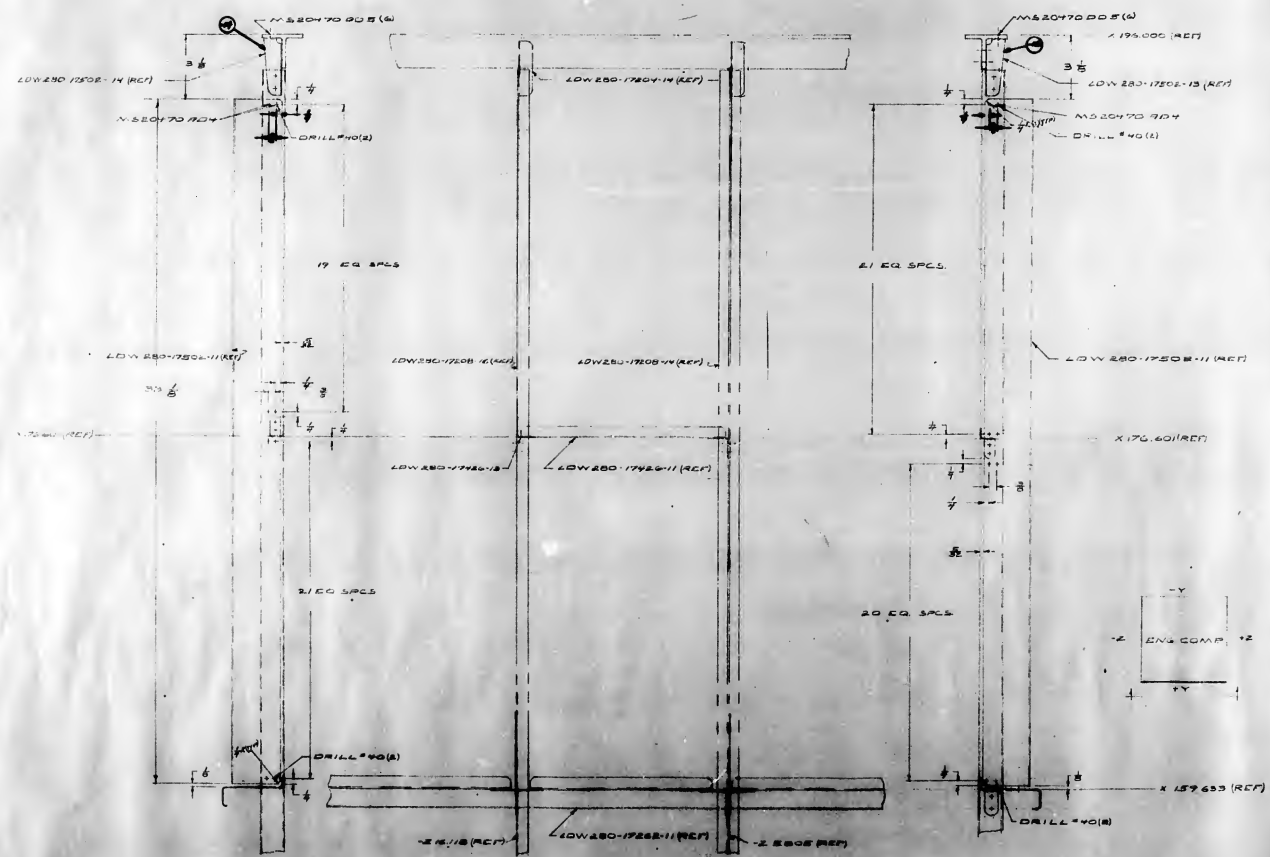
[illegible]

NOT:

1) NO TOOLING HOLES PER  
2) LAYOUT RELEASE TO BE  
3) ALL INFORMATION OTHER  
MANUFACTURE LDW230

	2	40W 250V-25-20	E		GN3-E
	1	40W 250V-25-20	E		40W
PART NO			101	DATE	RECEIVED
COPPER CO.					

[illegible]



NO.	PERSONNEL	START	STOP	REMARKS
1	ARMED PLAT	06:45		
2	2ND CHIEF OF POLICE	06:45		
3	ARMED PLAT	06:45		
4	ARMED PLAT	06:45		
5	ARMED PLAT	06:45		
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NOT

1) NO TOOLING HOLES PER  
2) LAYOUT RELEASE TO BE  
3) ALL INFORMATION OTHER  
MANUFACTURE LDW230

[illegible]

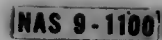
2	LDW 250-125-1	E		GN 3-E
1	LDW 250-125-1	E		1-1 F
PART ON		147	DATE	REMARKS
REPAIRING				

[illegible]









The diagram illustrates a horizontal pipe system. A central section of the pipe is enclosed within a magnetic field region, indicated by a dashed rectangle and labeled with a magnetic field vector  $B$ . Flow enters from the left, with flow rate  $Q$  and velocity  $v$  indicated. The pipe has a diameter  $d$ . A pressure tap is located at the entrance of the magnetic field region. The distance from the inlet to the start of the magnetic field is  $L_1$ , and the length of the magnetic field region is  $L_2$ . The total length of the pipe section shown is  $L$ . The flow exits to the right. The diagram also shows the internal structure of the pipe, including a central core and surrounding layers.

[illegible]

01

**WRS 9-1100**

01 NAS 9-1100

DWG. NO. **LDW200-17617** LA. NO. **D4**  
CONTROL  
USED NO. **LDW280 88709**

## ENGINEERING ORDER

FOR LDW 280-17617-11

N/A LOW 280-60521 WAS LOW 280-54521  
 & N/A LOW 280-60523. A-1 WAS LOW 280-54523.  
 FOR LM-10(40) THRU LM-14(44) & LTA-11(23).  
 LTA-30/R-2(460) FOR N/A LOW 280-  
 60521 & FOR N/A LOW 280-60523. (QTY REMAINS  
 THE SAME AS THAT OF LM-10(40))

[illegible]

027

				LDW 280-17630 A							
LEM	LDW 280-23535	LEM-6(36)	IEA					LEM	LDW 280-23529	LEM-6(36)	IEA
	LDW 280-23538	LEM-5(35)							LDW 280-23529	LEM-5(35)	
	LDW 280-23538	LEM-4(34)							LDW 280-23529	LEM-4(34)	
	LDW 280-23538	LEM-3(33)							LDW 280-23529	LEM-3(33)	
	LDW 280-23538	LEM-2(32)							LDW 280-23529	LEM-2(32)	
	LDW 280-23538	LTA-3(13)							LDW 280-23529	LTA-3(13)	
	LDW 280-23535	LEM-6(36)		LEM	LDW 280-23535	LEM-6(36)					
	LDW 280-23535	LEM-5(35)			LDW 280-23535	LEM-5(35)					
	LDW 280-23535	LEM-4(34)			LDW 280-23535	LEM-4(34)					
	LDW 280-23535	LEM-3(33)			LDW 280-23535	LEM-3(33)					
	LDW 280-23535	LEM-2(32)			LDW 280-23535	LEM-2(32)					
	LDW 280-23535	LTA-3(13)			LDW 280-23535	LTA-3(13)					
	LDW 280-23529	LEM-6(36)			LDW 280-23529	LEM-6(36)		LEM	LDW 280-23532	LEM-6(36)	IEA
	LDW 280-23529	LEM-5(35)			LDW 280-23529	LEM-5(35)			LDW 280-23532	LEM-5(35)	
	LDW 280-23529	LEM-4(34)			LDW 280-23529	LEM-4(34)			LDW 280-23532	LEM-4(34)	
	LDW 280-23529	LEM-3(33)			LDW 280-23529	LEM-3(33)			LDW 280-23532	LEM-3(33)	
	LDW 280-23529	LEM-2(32)			LDW 280-23529	LEM-2(32)			LDW 280-23532	LEM-2(32)	
LEM	LDW 280-23529	LTA-3(13)	IEA	LEM	LDW 280-23529	LTA-3(13)		LEM	LDW 280-23532	LTA-3(13)	IEA
MODEL OR END ITEM	NEXT ASSY	MODULE OR SER NO.	REQD PER MODULE OR END ITEM	MODEL OR END ITEM	NEXT ASSY	MODULE OR SER NO.	REQD PER MODULE OR END ITEM	MODEL OR END ITEM	NEXT ASSY	MODULE OR SER NO.	REQD PER MODULE OR END ITEM
PART NO. LDW 280-17630-11 & -12 (CONT)		GAEC SCH NO.		PART NO. LDW 280-17630-15 (CONT)		GAEC SCH NO.		PART NO. LDW 280-17630-13, 17, 21 (CONT)		GAEC SCH NO. 51-4	

SH REV STATUS: FOR DESCRIPTION OF REV SEE SUBO SH				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCE UNLESS SPECIFIED FRACTIONS - DECIMALS - ANGLES ± 1/32 ± .010 ± 1/2"				CONTRACT NO. NAS 9-1100				LINE ITEM **				DOCUMENTATION TYPE II			
SHEET	100	10	200	300				DRAWN BY	R. SVOBODA	RELIABILITY				GRUMMAN AIRCRAFT ENGRG CORP					
REV	A	A	A					LAYOUT BY	J. LANG					BETHPAGE, L. I., NEW YORK					
SHEET	101							CHECKED BY	EG 4-14-66					CHANNEL					
REV	A							GR LEADER						DESCENT STAGE - ENGINE COMPARTMENT					
SHEET								VEN DES INT											
REV								STRUCTURES											
LAST SECT LTR USED				GRUMMAN REL INFO				CLASS II ENGRG CHANGE				PROJ ENGR				SIZE			
LAST DASH NO. USED				PRIN NO. 26512				CLASS I ENGRG CHANGE				REL GROUP				CODE IDENT NO. LDW 280-17630 A			
				207								SCALE				NONE			
																SHEET 100 OF 5			

077112-48

01

NAS 9-1100